	Application No. 10/724,033
Applicant Alexei A. Erchak et al.	
Filing Date November 26, 2003	Group Art Unit
	16459-008001 Applicant Alexei A. Erchak et al. Filing Date

TRADEM	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
BW	AA	5,132,751	July 21, 1992	Shibata, et al.				
	AB			·		<u> </u>		
	AC			14.1			<u> </u>	
	AD							
	AE					•		
	AF							
	AG							
	, AH							
	Al							
	AJ							
	AK							

	Foreign Patent Documents or Published Foreign Patent Applications									
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Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No		
	AL									
	AM									
	AN			•						
	AO									
	AP		•							

	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
Bw	AQ	A. Köck et al., "Novel surface emitting GaAs/AlGaAs laser diodes based on surface mode emission," Appl. Phys. Lett. 63 (9), 30 August 1993, pages 1164-1166					
BW	AR	A. Köck et al., "Strongly directional emission from AlGaAs/GaAs light-emitting diodes," Appl. Phys. Lett. 57 (22), 26 November 1990, pages 2327-2329					
	AS						
	AT						

Examiner Signature	Date Considered 3/19/.04
EXAMINER: Initials citation considered. Draw line through citation if no	of in conformance and not considered. Include copy of this form with

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Altomey's Docket No. 16459-008001	AppBcatton No. 10/724,033	
Information Disclosure Statement by Applicant		Applicant Alexei A. Erchak et al.		
(Use several si (37 CFR §1.98(b))	neets if necessary)	Filing Date November 26, 2003	Group Art Unit 2879	

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
Ba	AA	6,534,798 B1	03-2003	Scherer et al.				
BW	AB	6,522,063 B2	02-2003	Chen et al.				
BN.	AC	2004/0027062	02-2004	Shiang et al.				
	AD			·				
	AE							
	ΑF							
	AG							
	AH							
	AI							
	AJ							
	AK							

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Translation	
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	AL							
	AM							
	AN							
	AO							
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	AQ						
	AR						
	AS						
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office			
by A	closure Statement pplicant	Applicant Alexei A. Erchak et al.		
(Use several s (37 CFR §1.98(b))	haeta If necessary)	Filing Data November 26, 2003	Group Art Unit 2879	

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
BW	AA	6,335,548 B1	01-2002	Roberts et at.				
1	AB	6,388,264 B1	07-2001	Ghosh et al.				
	AC	6,265,820 B1	05-2002	Pace, Benedict G	•			
	AD							
	ΑE							
	AF							
•	AG				•			
	ΑН							
	AI							
	AJ			,			c	
	AK							

	Foreigi	n Patent Doc	uments or Pu	blished Foreign	Patent A	Application	15 .	
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
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	AO							
	AP							

	Other D	ocuments (include Author, Title, Date, and Place of Publication)	
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	AR		
	AS		
	AT		

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. EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant.	

APPLICATION NO.: 10/724,033 ATTY. DOCKET NO.: L0655.70006US01 FORM PTO-1449/A and B (Biblished PTO/SB/(18) FILING DATE: November 26, **CONFIRMATION NO.: 7277** INFORMATION DISCLOSERE 2003 STATEMENT BY APPELCANT APPLICANT: Alexei A. Erchak GROUP ART UNIT: 2879 B. Won EXAMINER: 2 of Sheet 1

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited	Date of Publication or Issue
nitials #	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY
BU		3739217-		Bergh	06-12-1973
1		4729076		Masami	03-01-1988
		5113232		Itoh	05-12-1992
		5528057		Yanagase	06-18-1996
		5793062		Kish	08-11-1998
		6045240		Hochstein	04-04-2000
		6340824		Komoto	01-22-2002
		6375340		Biebl	04-23-2002
		6410348		Chen	06-25-2002
		6410940		Jiang	06-25-2002
		6450664		Kelly	09-17-2002
		6452217	·	Wojnarowski	09-17-2002
	1	6468824		Chen	10-22-2002
		6475819		Franz	11-05-2002
		6476549		Yu	11-05-2002
	 	6480389		Shie	11-12-2002
	6481874		Petroski	11-19-2002	
	6501103		Jory	12-31-2002	
	1	6518600		Shaddock	02-11-2003
		6614056 -		Tarsa	09-02-2003
	1.	6624491		Waitl.	09-23-2003
	1	6627521		Furukawa	09-30-2003
	1	6661028		Chen	12-09-2003
	-	6759723		Silverbrook	07-06-2004
		6791117		Yoshitake	09-14-2004
		6791259		Stokes ·	09-14-2004
		6800500	A	Coman	10-05-2004
2021		6812503		Lin	11-02-2004
	<u> </u>	6818531		Y00	11-16-2004
	Ť T	-6828724		Burroughes	12-07-2004
	 	6849876		Chen	02-01-2005
		6864571		Arik	03-08-2005
		6878969	1.	Tanaka ·	04-12-2005
		6881980		Ting	04-19-2005
		6891203		Kozawa	05-10-2005
		6900587		Seuhiro	05-31-2005
		6914261		Но	07-05-2005
		6924163 -	- 7	Okazaki	08-02-2005
	T :	6943379 -		Seuhiro	09-13-2005

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3/19/06.

		51.P.	E-180				
			2005	APPLICATION NO.:	10/724,033	ATTY. DOCKET NO	D.: L0655.70006US01
i .	RMATION		2/	FILING DATE: 2003	November 26,	CONFIRMATION N	0.: 7277
STAT	EMENT BY	APP	LICANT	APPLICANT:	Alexei A. Erchak		
Sheet	2	of	2	GROUP ART UNIT:	2879	EXAMINER:	B. Won

U.S.	PAT	TENT	DO	CUN	1EN	TS

Examiner's	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited	Date of Publication or Issue
Initials "	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY
BW		6946683		Sano	09-20-2005
ſ		6958494		Lin ·	10-25-2005
		6964501		Ryan	11-15-2005
		20030141563		Wang	07-31-2003
		20030209714		Taskar	11-13-2003
		20040124002		Mazzochetts	07-01-2004
		20040130263		Horng	07-08-2004
		20040222433		Mazzochette	11-11-2004
		20050082545		Wierer	04-21-2005
		20050110036		Park	05-26-2005
		20050112886		Asakawa	05-26-2005
,		20050205883		Wierer	09-22-2005
		20050231983		Dahm	10-20-2005
}		20050258438		Arik	11-24-2005
					•
					•
	1				

FOREIGN PATENT DOCUMENTS

Examiner's C	Cite	Foreign Patent Document		nent	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials #	No.	Office/ Country	Number	Kind Code	Document	Cited Document MM-DD-YYYY	(Y/N)
BW		wo	02/41406		Emcore Corporation	05-23-2002	
BW		wo	02/089221		Matsushita Electric Works, Ltd.	11-07-2002	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
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3/19/06	EXAMINER:	E)A	DATE CONSIDERED:	3/19/06.	

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^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).